

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067125.D
 Acq On : 07 Oct 2020 00:29
 Operator : VA/SY
 Sample : L4260-07
 Misc : 9.3G/5.00ml/MSVOA D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B21-100220-17.5-18.5

Quant Time: Oct 07 02:12:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

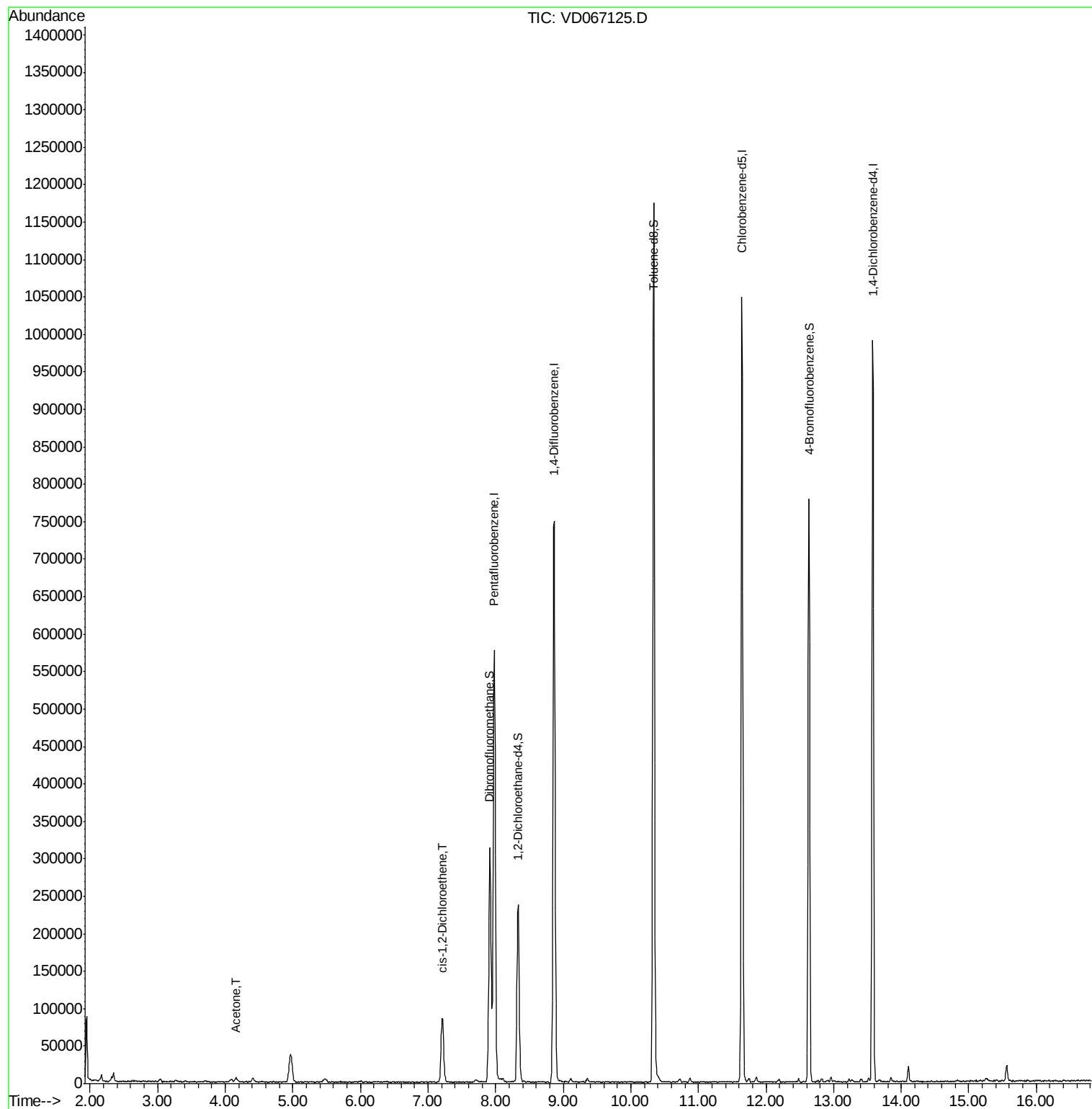
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	428901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	694954	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	626268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	277955	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	198158	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
35) Dibromofluoromethane	7.91	113	227934	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
50) Toluene-d8	10.34	98	811976	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	12.64	95	259954	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.38%	
Target Compounds						
16) Acetone	4.16	43	9142	14.497	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	55640	11.322	ug/l	87

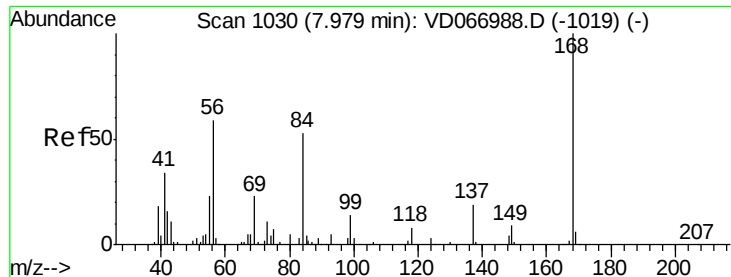
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067125.D

Acq: 07 Oct 2020 00:29

Instrument :

MSVOA_D

ClientSampleId :

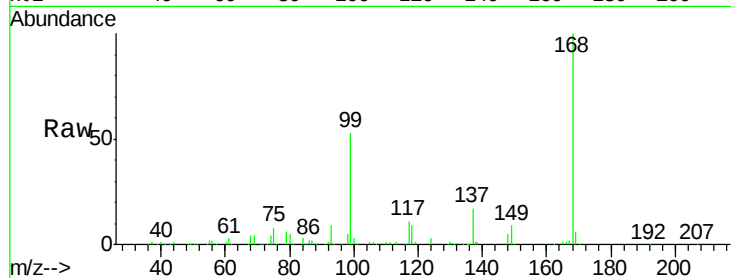
PAV-B21-100220-17.5-18.5

Tot Ion:168 Resp: 428901

Ion Ratio Lower Upper

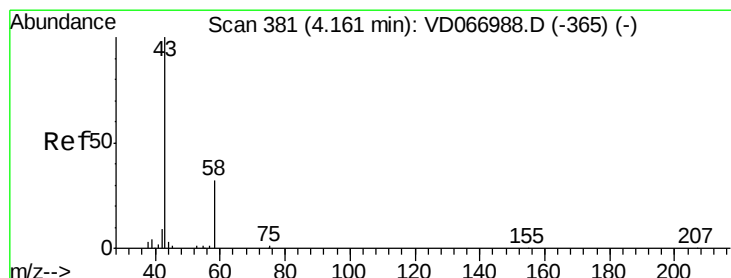
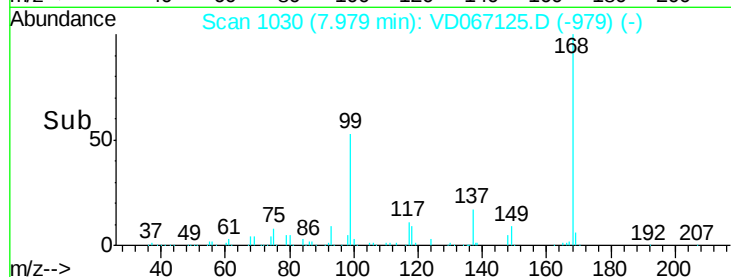
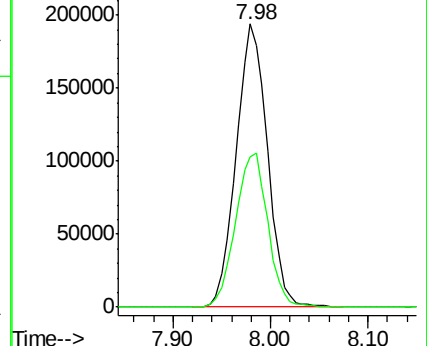
168 100

99 53.1 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 14.497 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD067125.D

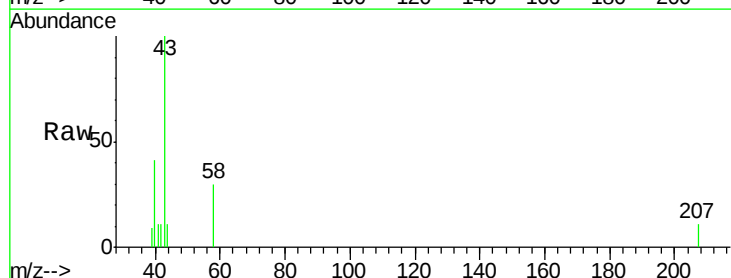
Acq: 07 Oct 2020 00:29

Tgt Ion: 43 Resp: 9142

Ion Ratio Lower Upper

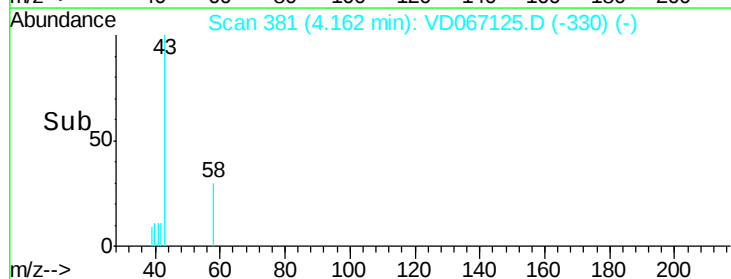
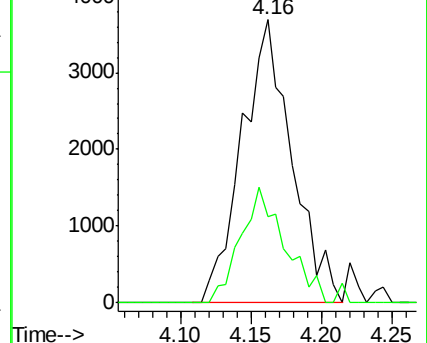
43 100

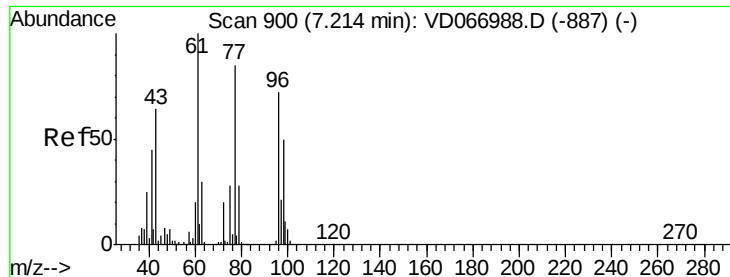
58 30.5 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#27

cis-1,2-Dichloroethene

Concen: 11.322 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067125.D

Acq: 07 Oct 2020 00:29

Instrument :

MSVOA_D

ClientSampleId :

PAV-B21-100220-17.5-18.5

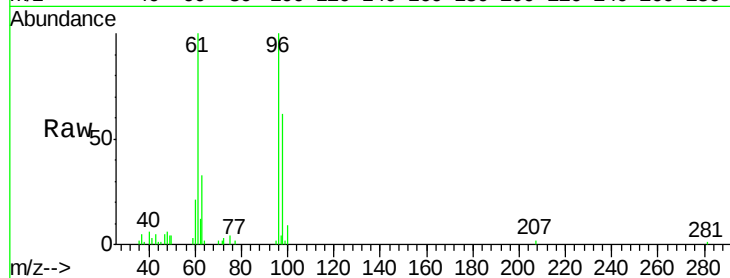
Tot Ion: 96 Resp: 55640

Ion Ratio Lower Upper

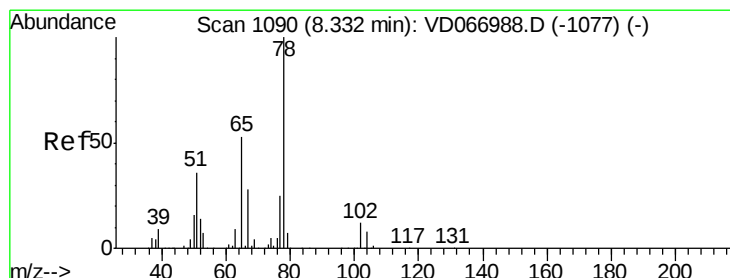
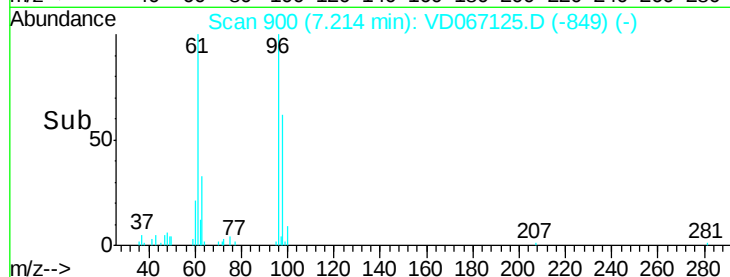
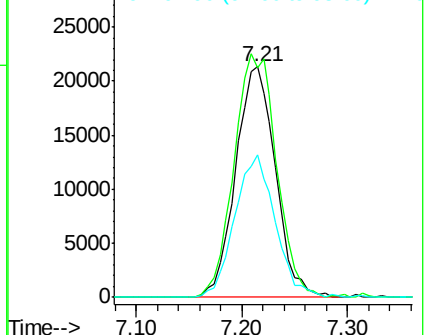
96 100

61 112.9 0.0 269.2

98 62.7 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 47.967 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067125.D

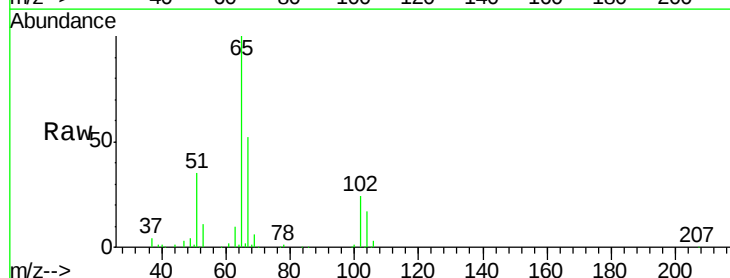
Acq: 07 Oct 2020 00:29

Tgt Ion: 65 Resp: 198158

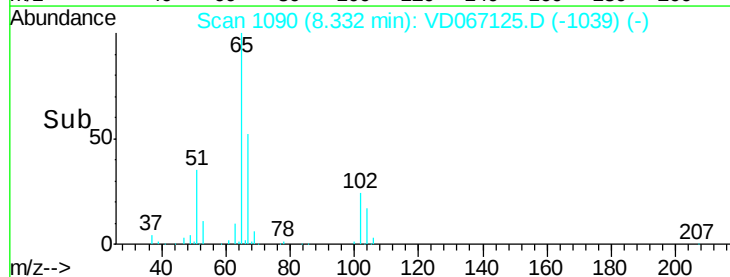
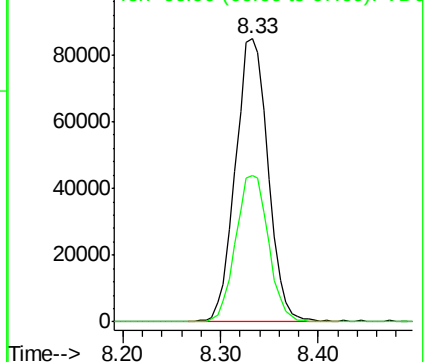
Ion Ratio Lower Upper

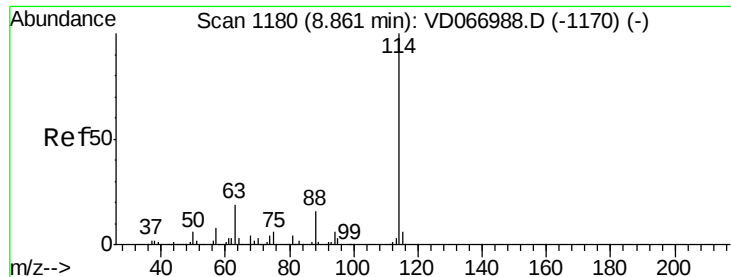
65 100

67 52.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

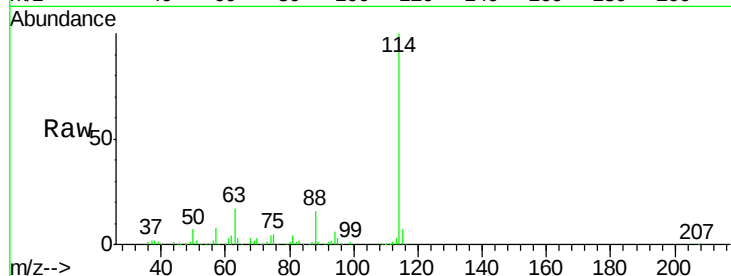




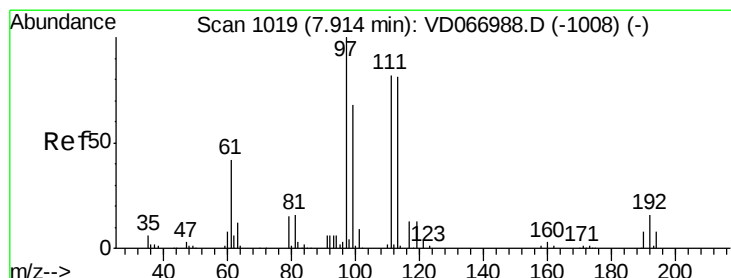
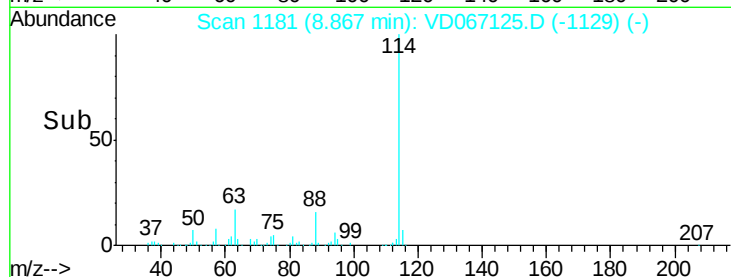
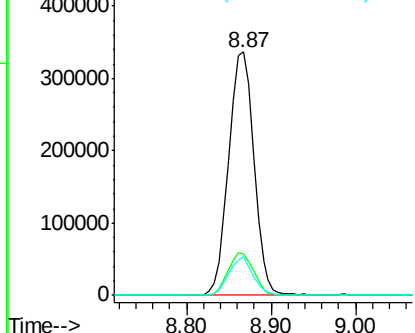
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067125.D
 Acq: 07 Oct 2020 00:29

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B21-100220-17.5-18.5

Tot Ion:114 Resp: 694954
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 38.4
 88 15.7 0.0 31.2

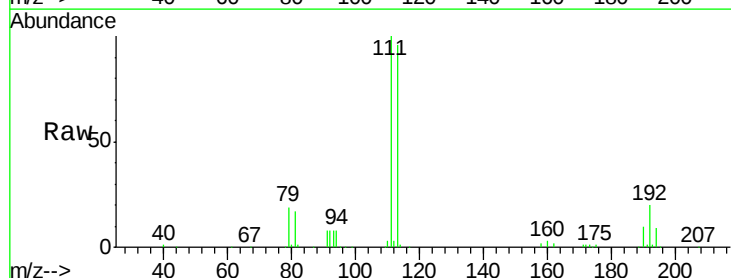


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

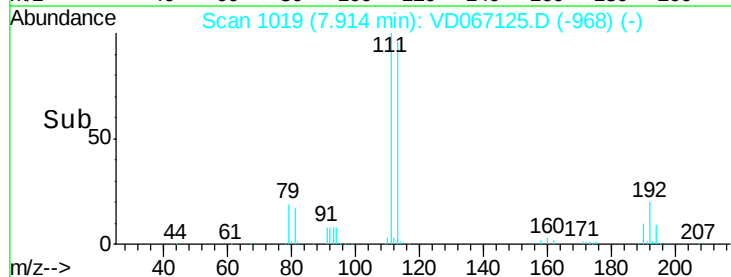
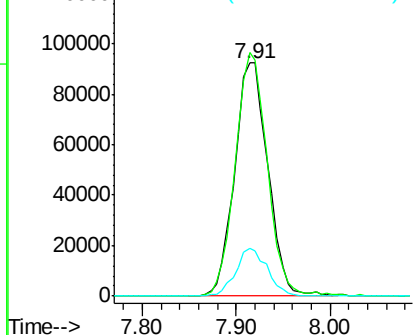


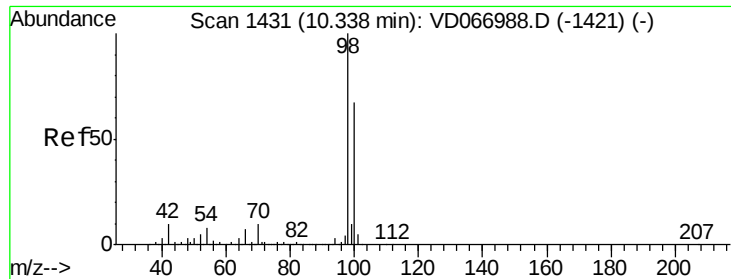
#35
 Dibromofluoromethane
 Concen: 50.098 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067125.D
 Acq: 07 Oct 2020 00:29

Tgt Ion:113 Resp: 227934
 Ion Ratio Lower Upper
 113 100
 111 100.4 83.0 124.4
 192 19.3 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.977 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067125.D

Acq: 07 Oct 2020 00:29

Instrument :

MSVOA_D

ClientSampleId :

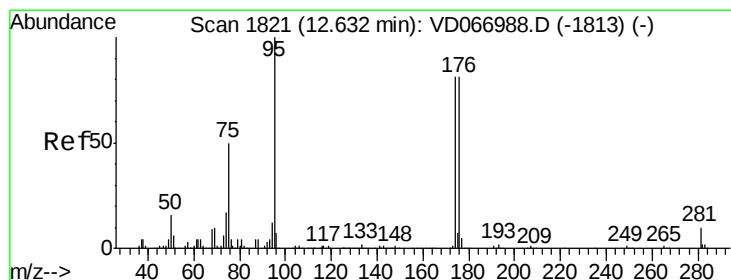
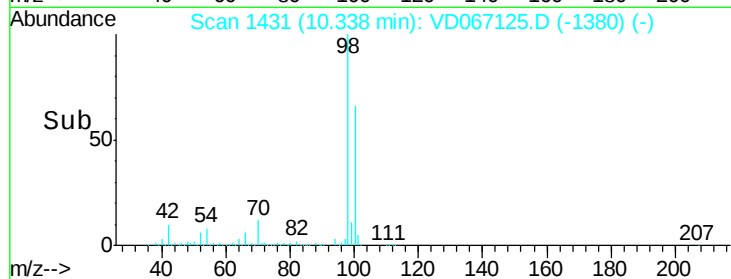
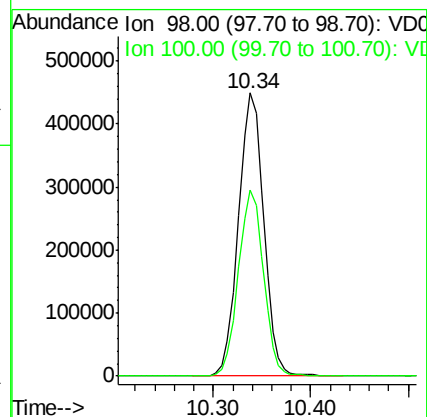
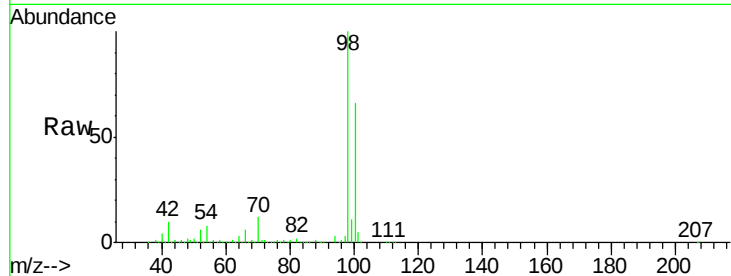
PAV-B21-100220-17.5-18.5

Tot Ion: 98 Resp: 811976

Ion Ratio Lower Upper

98 100

100 65.5 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 46.189 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067125.D

Acq: 07 Oct 2020 00:29

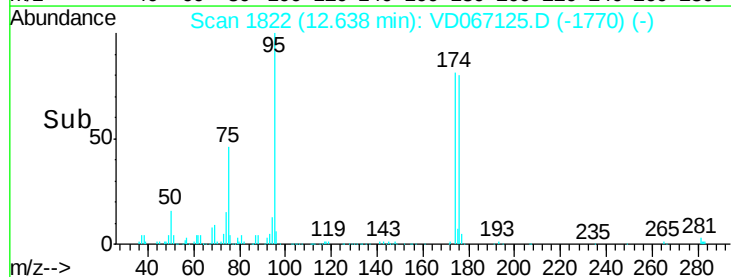
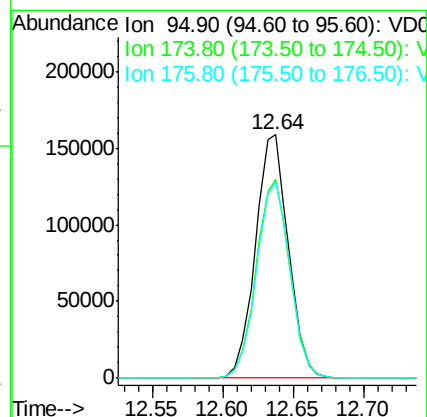
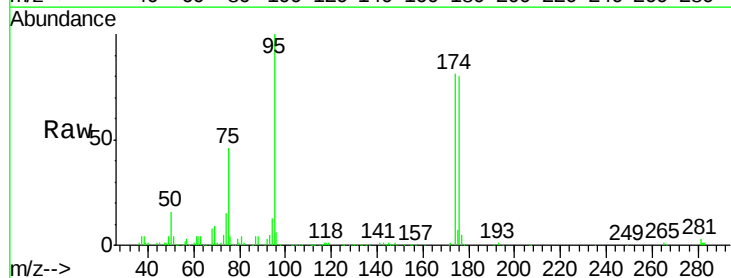
Tgt Ion: 95 Resp: 259954

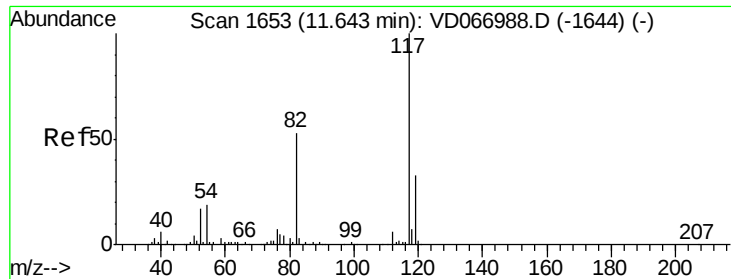
Ion Ratio Lower Upper

95 100

174 83.3 0.0 167.6

176 81.8 0.0 162.4

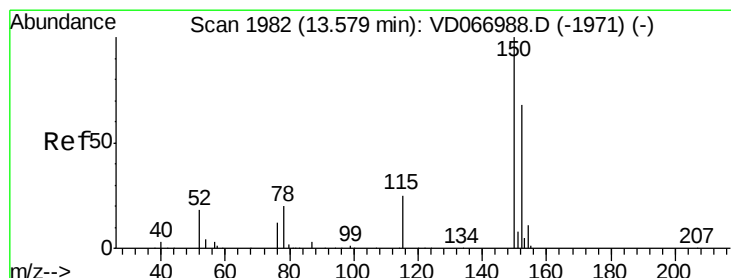
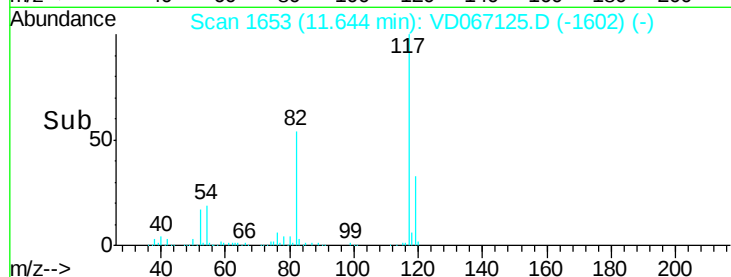
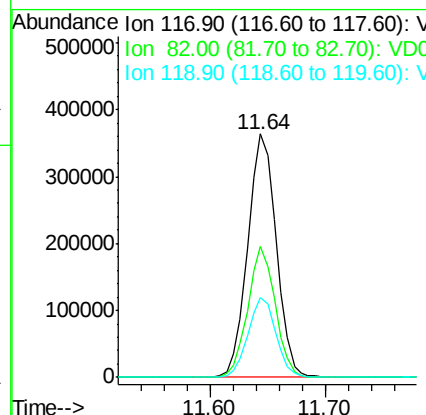
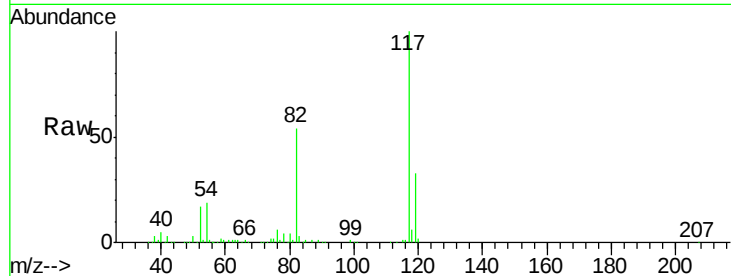




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067125.D
Acq: 07 Oct 2020 00:29

Instrument :
MSVOA_D
ClientSampleId :
PAV-B21-100220-17.5-18.5

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.6	63.8
119	32.6	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067125.D
Acq: 07 Oct 2020 00:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.6	88.8
150	154.7	0.0	344.8

